YEAR-TO-DATE PRODUCTION, SHIPMENTS, AND ORDERS

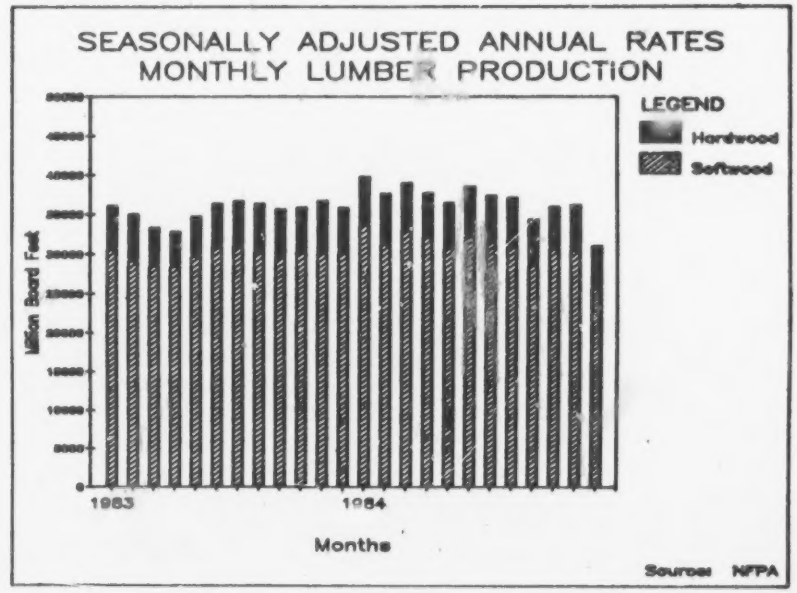
	PRODUCTION		SHIPMENTS		ORDERS RECEIVED	
	Latest Period Available	% Change	Latest Period Available	% Change	Latest Period Available	% Change
	12mos. '84	12mos. '83	12mos. '84	12mos. '83	12mos. '84	12mos. '83
	(Million Board Feet)					
TOTAL LUMBER	36,675	3.9%	36,598	4.1%	36,165	1.6%
TOTAL SOFTWOOD	30,962	3.7%	31,105	5.4%	30,725	2.9%
TOTAL HARDWOOD	5,713	4.7%	5,493	-2.8%	5,440	-5.0%

SEASONALLY ADJUSTED ANNUAL RATES

	PRODUCTION			SHIPMENTS		
		% Change From			% Change From	
LUMBER REGION	Dec. '84	Nov. '84	Dec. '83	Dec. '84	Nov. '84	Dec. '83
	(Million Board Feet)			(Million Board Feet)		
Southern Pine	8,705	-16.5%	-8.0%	8,800	-18.3%	-9.0%
Douglas Fir	6,450	-11.5%	-19.8%	6,914	-14.6%	-21.2%
Western Pine	8,023	-16.9%	-16.8%	9,094	-13.0%	-11.4%
Calif. Redwood	1,512	-13.2%	-6.2%	1,986	12.1%	5.4%
Other Softwoods	1,213	-16.5%	-14.0%	1,301	-16.1%	-12.5%
TOTAL SOFTWOODS	25,904	-15.2%	-14.1%	28,094	-14.0%	-12.4%
TOTAL HARDWOODS	5,089	-9.0%	-10.4%	4,856	-7.8%	-12.7%
TOTAL LUMBER	30,992	-14.3%	-13.5%	32,951	-13.1%	-12.4%

U.S. LUMBER CONSUMPTION

	CURRENT			YEAR-TO-DATE	
	Latest Month Available	% Change From		Latest Period Available	% Change From
	Dec. '84	Nov. '84	Dec. '83	12mos. '84	12mos. '83
	(Million Board Feet)				
Total Consumption	3,341	-13.9%	-3.0%	48,069	6.5%
Softwood Consumption	2,986	-13.8%	-1.8%	42,775	7.6%
Hardwood Consumption	354	-14.4%	-12.0%	5,294	-1.9%



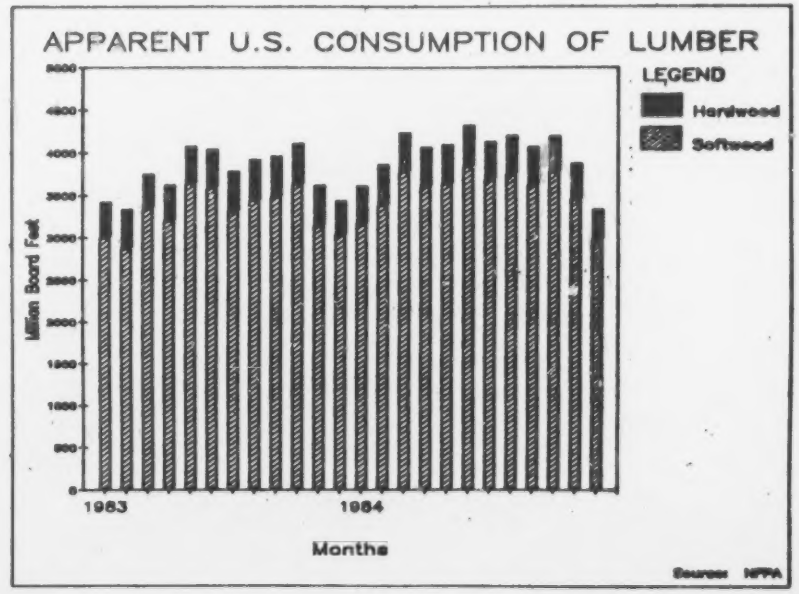


TABLE 1

ESTIMATED TOTAL REGIONAL LUMBER PRODUCTION, SHIPMENTS, AND NEW ORDERS

(MILLION BOARD FEET)

	SOUTHERN PINE	DOUGLAS FIR	WESTERN PINE	CALIFORNIA REDWOOD	OTHER SOFTWOOD	TOTAL SOFTWOOD	SOUTHERN HARDWOOD	APPALACHIAN HARDWOOD	OTHER HARDWOOD	TOTAL HARDWOOD	TOTAL LUMBER
PRODUCTION											
1974	6,921	7,777	8,973	1,895	1,627	27,193	3,265	1,268	2,371	6,904	34,097
1975	6,967	7,134	8,445	1,690	1,475	25,711	2,761	1,109	2,002	5,872	31,583
1976	7,893	8,322	9,789	2,001	1,688	29,693	3,033	1,171	2,213	6,417	36,110
1977	8,879	8,796	10,309	2,000	1,753	31,737	3,063	1,207	2,410	6,680	38,417
1978	9,231	8,845	10,033	1,902	2,046	32,057	3,242	1,228	2,527	6,997	39,054
1979	9,283	8,427	9,780	1,816	2,124	31,432	3,452	1,261	2,581	7,294	38,726
1980	8,217	6,815	7,613	1,589	2,012	26,246	3,314	1,211	2,533	7,058	33,304
1981	8,415	6,270	7,147	1,452	1,392	24,676	3,343	1,225	1,626	6,194	30,870
1982•											
1ST QUARTER	1,805	1,335	1,324	316	279	5,059	474	155	565	1,194	6,253
2ND QUARTER	2,204	1,390	1,745	342	331	6,012	533	179	642	1,354	7,366
3RD QUARTER	2,505	1,578	1,936	371	371	6,761	531	142	606	1,279	8,040
4TH QUARTER	2,240	1,440	1,676	271	328	5,955	523	126	586	1,235	7,190
TOTAL YEAR	8,754	5,743	6,681	1,300	1,309	23,787	2,061	602	2,399	5,062	28,849
1983•											
1ST QUARTER	2,498	2,025	1,933	419	347	7,222	477	168	592	1,237	8,459
2ND QUARTER	2,717	2,094	2,187	405	374	7,777	489	152	589	1,230	9,007
3RD QUARTER	2,694	1,938	2,262	382	368	7,644	618	172	725	1,515	9,159
4TH QUARTER	2,497	1,877	2,106	374	347	7,201	611	136	705	1,472	8,673
TOTAL YEAR	10,406	7,934	8,488	1,580	1,436	29,844	2,195	648	2,611	5,454	35,298
1984•											
1ST QUARTER	2,663	2,276	2,235	456	386	8,016	612	136	686	1,434	9,450
2ND QUARTER	2,831	2,206	2,410	465	400	8,312	617	149	704	1,470	9,782
3RD QUARTER	2,739	1,932	2,196	430	368	7,661	661	124	722	1,507	9,168
4TH QUARTER	2,613	1,699	2,082	399	343	7,138	613	66	625	1,304	8,442
TOTAL YEAR	10,846	8,113	8,923	1,750	1,497	31,127	2,503	475	2,737	5,715	36,842
SHIPMENTS											
1974	6,760	7,750	8,952	1,828	1,607	26,877	3,100	1,204	2,251	6,555	33,432
1975	7,142	7,196	8,519	1,625	1,488	25,970	2,727	1,095	1,977	5,799	31,769
1976	7,782	8,293	9,744	2,044	1,679	29,542	3,028	1,168	2,209	6,405	35,947
1977	8,932	8,781	10,295	2,075	1,759	31,842	3,104	1,240	2,450	6,794	38,636
1978	9,226	8,906	10,067	1,884	2,051	32,134	3,232	1,221	2,518	6,971	39,105
1979	9,255	8,412	9,696	1,760	2,111	31,234	3,316	1,162	2,453	6,931	38,165
1980	8,018	6,821	7,807	1,590	2,012	26,248	3,092	1,048	2,216	6,456	32,704
1981	8,388	6,270	7,183	1,501	1,395	24,737	3,282	1,168	1,583	6,033	30,770
1982•											
1ST QUARTER	1,719	1,222	1,224	287	259	4,711	511	175	617	1,303	6,014
2ND QUARTER	2,265	1,472	1,794	385	344	6,260	549	188	664	1,401	7,661
3RD QUARTER	2,263	1,541	1,890	348	352	6,394	528	139	602	1,269	7,663
4TH QUARTER	2,217	1,558	1,867	329	348	6,319	539	123	606	1,278	7,597
TOTAL YEAR	8,464	5,793	6,775	1,349	1,303	23,684	2,127	635	2,489	5,251	28,935
1983•											
1ST QUARTER	2,496	1,827	1,830	364	329	6,846	516	187	646	1,349	8,195
2ND QUARTER	2,755	2,154	2,187	419	380	7,895	543	178	662	1,382	9,278
3RD QUARTER	2,690	1,925	2,151	410	363	7,539	612	169	718	1,499	9,038
4TH QUARTER	2,500	1,896	2,096	389	348	7,229	591	148	679	1,418	8,647
TOTAL YEAR	10,441	7,802	8,264	1,582	1,420	29,509	2,262	682	2,705	5,649	35,158
1984•											
1ST QUARTER	2,567	2,158	2,122	439	368	7,654	610	136	684	1,430	9,084
2ND QUARTER	2,824	2,225	2,391	460	399	8,299	605	144	689	1,438	9,737
3RD QUARTER	2,761	2,002	2,279	435	378	7,855	618	113	672	1,403	9,258
4TH QUARTER	2,595	1,880	2,205	418	351	7,449	583	61	593	1,237	8,686
TOTAL YEAR	10,747	8,265	8,997	1,752	1,496	31,257	2,416	454	2,638	5,508	36,765
NEW ORDERS											
1974	6,699	7,367	8,788	1,756	1,564	26,174	3,084	1,198	2,240	6,522	32,696
1975	7,251	7,430	8,665	1,702	1,583	26,631	2,745	1,104	1,991	5,840	32,471
1976	7,779	8,377	9,760	2,067	1,687	29,670	3,011	1,144	2,190	6,345	36,015
1977	8,970	8,712	10,231	2,119	1,762	31,894	3,153	1,256	2,489	6,898	38,792
1978	9,273	8,894	9,946	1,847	2,043	32,003	3,272	1,238	2,552	7,062	39,065
1979	9,273	8,388	9,630	1,664	2,098	31,053	3,240	1,118	2,386	6,744	37,797
1980	7,964	6,791	7,730	1,563	1,996	26,044	3,033	1,044	2,280	6,357	32,401
1981	8,433	6,200	7,076	1,501	1,387	24,597	3,310	1,165	1,600	6,095	30,692
1982•											
1ST QUARTER	1,807	1,287	1,334	294	275	4,997	472	175	581	1,228	6,225
2ND QUARTER	2,256	1,478	1,769	388	329	6,220	553	192	672	1,417	7,637
3RD QUARTER	2,167	1,543	1,941	331	349	6,331	534	141	608	1,283	7,614
4TH QUARTER	2,280	1,668	1,836	375	358	6,517	564	142	636	1,342	7,859
TOTAL YEAR	8,510	5,976	6,880	1,388	1,311	24,065	2,123	650	2,497	5,270	29,335
1983•											
1ST QUARTER	2,639	1,916	1,927	342	345	7,169	511	185	640	1,336	8,505
2ND QUARTER	2,718	2,102	2,197	403	375	7,795	546	179	667	1,392	9,187
3RD QUARTER	2,679	1,914	2,163	416	362	7,534	615	172	723	1,510	9,044
4TH QUARTER	2,611	1,932	2,063	412	355	7,373	622	153	712	1,487	8,860
TOTAL YEAR	10,647	7,864	8,350	1,573	1,437	29,871	2,294	689	2,742	5,725	35,596
1984•											
1ST QUARTER	2,465	2,304	2,169	419	372	7,729	646	142	723	1,511	9,240
2ND QUARTER	2,797	2,037	2,307	417	382	7,940	551	143	637	1,331	9,271
3RD QUARTER	2,738	2,019	2,219	446	381	7,903	595	109	648	1,352	9,255
4TH QUARTER	2,509	1,792	2,199	437	350	7,287	593	63	603	1,259	8,546
TOTAL YEAR	10,509	8,152	8,994	1,719	1,485	30,859	2,385	457	2,611	5,453	36,312

• SUBJECT TO REVISION.

SOURCE: NATIONAL FOREST PRODUCTS ASSOCIATION

NOTE: DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

TABLE 2

ESTIMATED REGIONAL SOURCES OF DOMESTIC CONSUMPTION OF LUMBER (NET IMPORTS ALLOCATED)

(MILLION BOARD FEET)

	SOUTHERN PINE	DOUGLAS FIR	WESTERN PINE	CALIFORNIA REDWOOD	OTHER SOFTWOOD	TOTAL SOFTWOOD	SOUTHERN HARDWOOD	OTHER** HARDWOOD	TOTAL HARDWOOD	TOTAL LUMBER
1974	6,683	10,796	9,758	1,790	3,152	32,179	3,239	3,545	6,784	38,963
1975	7,07[illegible]	9,561	9,220	1,588	2,865	30,309	2,722	3,069	5,791	36,100
1976	7,641	12,069	10,820	1,981	3,575	36,086	3,054	3,387	6,441	42,527
1977	8,774	14,081	11,626	2,026	4,302	40,809	3,158	3,732	6,890	47,699
1978	9,096	15,133	11,559	1,849	5,003	42,640	3,242	3,755	6,997	49,637
1979	9,060	14,248	10,553	1,729	5,018	40,608	3,342	3,597	6,939	47,547
1980	7,757	11,461	8,509	1,563	4,542	33,832	3,028	3,244	6,272	40,104
1981	8,177	10,828	7,760	1,463	3,836	32,064	3,202	2,653	5,855	37,919
1982*										
1ST QUARTER	1,672	1,945	1,303	280	688	5,888	487	774	1,261	7,149
2ND QUARTER	2,197	2,725	1,941	379	1,022	8,264	517	844	1,361	9,625
3RD QUARTER	2,207	2,965	2,059	343	1,143	8,717	512	726	1,238	9,955
4TH QUARTER	2,156	2,747	2,013	324	1,064	8,304	515	722	1,237	9,541
TOTAL YEAR	8,232	10,381	7,316	1,327	3,917	31,173	2,031	3,066	5,098	36,270
1983*										
1ST QUARTER	2,442	3,290	1,982	359	1,150	9,223	487	810	1,297	10,520
2ND QUARTER	2,698	3,695	2,333	413	1,300	10,439	505	806	1,311	11,750
3RD QUARTER	2,644	3,638	2,296	403	1,273	10,254	572	858	1,430	11,684
4TH QUARTER	2,449	3,486	2,237	383	1,271	9,826	558	802	1,360	11,186
TOTAL YEAR	10,233	14,108	8,848	1,558	4,995	39,742	2,121	3,276	5,397	45,138
1984*										
1ST QUARTER	2,528	3,816	2,280	434	1,304	10,362	588	781	1,369	11,731
2ND QUARTER	2,771	3,927	2,560	445	1,402	11,105	576	821	1,397	12,502
3RD QUARTER	2,725	4,034	2,425	430	1,463	11,077	592	751	1,343	12,420
4TH QUARTER	2,551	3,750	2,325	414	1,352	10,392	557	629	1,186	11,578
TOTAL YEAR	10,575	15,528	9,589	1,722	5,521	42,935	2,313	2,981	5,294	48,229

* SUBJECT TO REVISION

** INCLUDES APPALACHIAN HARDWOOD AND ALL OTHERS.

SOURCE: NATIONAL FOREST PRODUCTS ASSOCIATION

NOTE: DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

TABLE 9

IMPORTS OF LUMBER \1

(MILLION BOARD FEET)

	SOFTWOODS											
	DOUGLAS FIR	OTHER FIR	HEMLOCK	SPRUCE	PINE	CEDAR	OTHER	SPECIAL \2 PRODUCTS	TOTAL SOFTWOOD	TOTAL \3 HARDWOOD	RAILROAD TIES (SAWED)	TOTAL LUMBER
1974	696.4	63.7	1,074.2	3,300.6	1,139.2	417.4	7.6	114.1	6,807.2	449.7	13.9	7,270.8
1975	477.0	56.8	726.2	2,989.0	1,033.3	328.3	6.0	94.8	5,711.4	224.1	12.4	5,947.9
1976	744.2	91.3	1,083.8	4,116.0	1,305.4	480.2	8.7	121.2	7,950.8	228.3	8.2	8,187.3
1977	990.7	299.4	1,219.2	5,361.6	1,795.5	537.7	22.2	154.0	10,380.3	341.1	7.4	10,728.8
1978	976.2	508.9	1,219.8	6,312.9	1,916.9	657.5	41.8	190.6	11,824.6	361.4	12.3	12,198.3
1979	827.3	388.3	912.3	6,740.4	1,182.5	637.8	35.4	193.7	11,117.7	376.2	29.3	11,523.2
1980	559.0	440.8	627.8	6,167.9	1,023.9	543.4	20.7	156.6	9,540.1	293.2	31.3	9,864.6
1981	483.3	534.7	467.0	6,010.7	941.7	574.4	17.0	175.9	9,204.7	291.1	24.9	9,520.7
1982												
1ST QUARTER	82.1	85.5	51.9	1,099.6	136.4	107.0	2.2	28.2	1,392.8	54.4	3.5	1,450.7
2ND QUARTER	140.1	136.1	102.2	1,660.0	218.9	158.1	4.6	39.8	2,460.1	48.0	18.8	2,526.9
3RD QUARTER	152.1	127.4	74.7	1,867.3	232.3	155.9	14.8	40.1	2,664.6	56.3	2.8	2,723.6
4TH QUARTER	129.6	111.8	65.1	1,714.3	214.0	118.1	7.2	41.4	2,401.4	52.3	1.1	2,454.8
TOTAL YEAR	504.3	460.7	293.9	6,341.2	801.6	539.0	28.8	149.4	9,118.9	211.0	26.2	9,356.0
1983												
1ST QUARTER	137.7	149.8	108.5	1,955.7	226.8	170.4	8.5	54.0	2,811.4	55.4	1.6	2,868.4
2ND QUARTER	132.5	181.0	85.0	2,148.9	240.0	157.9	24.0	61.7	3,031.0	61.0	4.0	3,096.1
3RD QUARTER	184.3	225.9	123.6	2,081.1	234.0	178.2	28.0	67.5	3,122.7	63.6	3.8	3,190.0
4TH QUARTER	145.8	152.0	99.5	2,168.7	219.0	157.6	13.0	56.8	3,012.3	80.5	3.2	3,095.9
TOTAL YEAR	600.3	708.6	416.7	8,354.4	919.8	664.1	73.5	239.9	11,977.4	260.5	12.5	12,250.4
1984												
1ST QUARTER	140.1	151.1	135.0	2,152.8	240.7	190.9	9.4	75.6	3,095.6	85.7	3.1	3,184.4
2ND QUARTER	137.1	168.6	96.8	2,390.5	251.8	136.3	9.0	59.3	3,249.4	87.1	6.6	3,343.1
3RD QUARTER	147.5	264.4	140.5	2,551.2	225.6	200.9	8.9	72.8	3,612.0	73.9	8.0	3,693.9
4TH QUARTER	178.2	151.0	142.6	2,377.0	183.4	176.4	7.7	67.3	3,313.2	81.0	6.5	3,400.7
TOTAL YEAR	603.0	765.1	514.9	9,471.4	901.6	704.1	35.0	275.0	13,270.2	327.7	24.2	13,622.2

EXPORTS OF LUMBER \1

(MILLION BOARD FEET)

	SOFTWOODS											
	DOUGLAS FIR	SOUTHERN PINE	PONDEROSA/ WHITE PINE	REDWOOD	HEMLOCK	SPRUCE	CEDAR	OTHER	SPECIAL \2 PRODUCTS	TOTAL SOFTWOOD	TOTAL \3 HARDWOOD	RAILROAD TIES \4 (SAWED)	TOTAL \5 LUMBER
1974	573.6	76.3	156.9	39.0	342.6	210.0	40.9	66.6	----	1,505.9	177.3	51.7	1,734.9
1975	505.1	67.5	177.0	37.4	317.5	158.8	35.7	74.2	----	1,373.2	165.3	75.6	1,614.1
1976	571.7	141.4	214.0	61.3	294.2	165.5	60.7	75.7	----	1,584.5	225.5	30.9	1,840.9
1977	488.3	157.8	195.0	48.1	264.2	150.7	61.3	47.0	----	1,412.4	226.1	19.2	1,657.7
1978	456.9	130.5	136.9	34.3	272.5	135.4	59.2	120.1	23.1	1,368.9	320.1	25.8	1,714.8
1979	505.4	195.1	147.7	30.1	463.7	151.1	56.0	179.4	16.2	1,744.7	306.6	90.5	2,141.8
1980	520.8	261.4	168.1	27.3	511.2	136.4	62.0	248.6	20.2	1,956.0	378.6	128.3	2,462.9
1981	509.0	211.2	223.8	37.7	390.2	141.4	66.9	280.6	16.8	1,877.6	405.7	88.8	2,372.1
1982													
1ST QUARTER	115.2	46.9	37.2	7.2	99.7	37.7	10.5	54.6	6.8	415.8	90.4	9.3	514.4
2ND QUARTER	131.6	67.6	39.4	5.5	101.0	35.8	11.8	60.1	2.7	455.5	97.8	9.2	562.5
3RD QUARTER	100.8	56.0	28.6	4.6	67.7	30.2	7.7	42.1	3.7	341.5	79.0	10.6	431.1
4TH QUARTER	109.6	61.3	35.6	5.2	123.3	21.2	10.5	49.2	1.6	417.5	89.0	5.3	511.8
TOTAL YEAR	457.2	231.8	140.8	22.5	391.7	124.9	40.5	206.0	14.8	1,630.2	356.2	34.4	2,020.8
1983													
1ST QUARTER	134.3	54.1	40.8	5.0	95.2	35.2	11.8	54.8	2.7	434.0	100.5	9.2	543.7
2ND QUARTER	170.2	57.0	57.5	6.4	95.0	27.2	12.8	58.2	2.9	487.2	121.0	16.4	624.6
3RD QUARTER	121.6	46.3	53.6	6.6	86.2	28.1	12.0	50.8	2.0	407.2	126.0	10.6	543.8
4TH QUARTER	133.1	51.0	45.4	6.1	99.8	23.3	10.2	44.1	3.1	416.1	130.8	11.1	557.9
TOTAL YEAR	559.3	208.4	197.3	24.0	376.2	113.9	46.8	207.8	10.8	1,744.5	478.2	47.2	2,269.9
1984													
1ST QUARTER	136.8	39.1	46.9	5.5	77.8	24.9	10.7	42.8	2.9	387.5	117.4	30.9	535.9
2ND QUARTER	159.3	53.5	45.0	15.1	81.8	19.8	10.1	56.0	3.8	444.2	129.3	9.4	582.9
3RD QUARTER	131.7	35.7	46.0	5.2	84.8	25.6	9.7	47.8	3.1	389.7	112.4	24.6	526.7
4TH QUARTER	104.3	44.1	36.3	4.4	93.1	27.7	8.7	56.1	3.3	377.9	107.4	19.7	505.0
TOTAL YEAR	532.1	172.4	174.1	30.1	337.4	98.1	39.2	202.7	13.1	1,599.3	466.5	84.6	2,150.4

1. Sawed timber, board planks and scantlings, flooring, box shook and railroad ties.
2. Includes siding and softwood lumber drilled or treated. Beginning 1978 includes siding and flooring. For exports, figures not availa prior to 1978.
3. Includes hardwood flooring, siding and hardwood lumber drilled or treated.
4. Includes a small amount of hewn railroad ties. Beginning with 1978 includes sawn timber.
5. Includes box shook: 1973 - 4.4 mbf; 1974 - 6.1 mbf; 1975 - 4.1 mbf; 1976 - 6.0 mbf; 1977 - 5.8 mbf. Beginning with 1978 box shook is reported in appropriate species.

SOURCE: Foreign Agricultural Service, U.S. Department of Agriculture; Forest Products Division, BIE, U.S. DOC, from data of the Foreign Trade Division, Bureau of Census.

NOTE: DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

TABLE 4

ESTIMATED GROSS MILL STOCKS OF LUMBER AND UNFILLED ORDERS FOR LUMBER BY REGION

(MILLION BOARD FEET)

	SOUTHERN PINE	DOUGLAS FIR	WESTERN PINE	CALIFORNIA REDWOOD	OTHER SOFTWOOD	TOTAL SOFTWOOD	SOUTHERN HARDWOOD	OTHER•• HARDWOOD	TOTAL HARDWOOD	TOTAL LUMBER
GROSS MILL STOCKS										
DECEMBER 31ST										
1974	1,309	982	1,344	412	275	4,322	414	388	802	5,124
1975	1,134	920	1,270	477	262	4,063	448	427	875	4,938
1976	1,245	949	1,315	434	271	4,214	453	434	887	5,101
1977	1,192	964	1,329	359	265	4,109	412	361	773	4,882
1978	1,197	903	1,295	377	260	4,032	422	378	800	4,832
1979	1,225	918	1,379	435	273	4,230	558	605	1,163	5,393
1980	1,424	912	1,185	434	273	4,228	780	985	1,765	5,993
1981	1,451	912	1,149	385	270	4,167	841	1,085	1,926	6,093
1982•										
1ST QUARTER	1,537	1,025	1,249	414	290	4,515	804	1,013	1,817	6,332
2ND QUARTER	1,476	943	1,200	371	277	4,267	788	982	1,770	6,037
3RD QUARTER	1,718	980	1,246	394	296	4,634	791	989	1,780	6,414
4TH QUARTER	1,741	862	1,055	336	276	4,270	775	962	1,737	6,007
1983•										
1ST QUARTER	1,743	1,060	1,158	391	294	4,646	736	889	1,625	6,271
2ND QUARTER	1,705	1,000	1,158	377	288	4,528	682	790	1,472	6,000
3RD QUARTER	1,709	1,013	1,269	349	293	4,633	688	800	1,488	6,121
4TH QUARTER	1,706	994	1,279	334	292	4,605	708	834	1,542	6,147
1984•										
1ST QUARTER	1,802	1,112	1,392	351	310	4,967	710	836	1,546	6,513
2ND QUARTER	1,809	1,093	1,411	356	311	4,980	722	854	1,576	6,556
3RD QUARTER	1,783	1,023	1,328	351	301	4,786	765	916	1,681	6,467
4TH QUARTER	1,803	842	1,205	332	293	4,475	795	954	1,749	6,224
ESTIMATED UNFILLED ORDERS										
DECEMBER 31ST										
1974	344	316	392	127	161	1,340	242	154	396	1,736
1975	453	550	538	204	256	2,001	260	177	437	2,438
1976	450	634	554	227	264	2,129	243	134	377	2,506
1977	488	565	590	271	267	2,181	292	189	481	2,662
1978	535	553	469	234	259	2,050	332	230	562	2,612
1979	553	529	403	138	246	1,869	256	119	375	2,244
1980	499	499	326	111	230	1,665	197	79	276	1,941
1981	544	429	219	111	222	1,525	225	113	338	1,863
1982•										
1ST QUARTER	632	494	329	118	238	1,811	186	77	263	2,074
2ND QUARTER	623	500	304	121	223	1,771	190	89	279	2,050
3RD QUARTER	527	502	355	104	220	1,708	196	97	293	2,001
4TH QUARTER	590	612	324	150	230	1,906	221	136	357	2,263
1983•										
1ST QUARTER	733	701	421	128	246	2,229	216	128	344	2,573
2ND QUARTER	696	649	431	112	241	2,129	219	134	353	2,482
3RD QUARTER	685	638	443	118	240	2,124	222	142	364	2,488
4TH QUARTER	796	674	410	141	247	2,268	253	180	433	2,701
1984•										
1ST QUARTER	694	820	457	121	251	2,343	289	225	514	2,857
2ND QUARTER	667	632	373	78	234	1,984	235	172	407	2,391
3RD QUARTER	644	649	413	89	237	2,032	212	147	359	2,391
4TH QUARTER	558	561	407	108	236	1,870	222	156	378	2,248
UNFILLED ORDERS IN RELATION TO GROSS MILL STOCKS (Unfilled Orders As Percentage of Mill Stocks)										
1974	26%	32%	29%	31%	59%	31%	58%	40%	49%	34%
1975	40%	60%	42%	43%	98%	49%	58%	41%	50%	49%
1976	36%	67%	42%	52%	97%	51%	54%	31%	43%	49%
1977	41%	59%	44%	75%	101%	53%	71%	52%	62%	55%
1978	45%	61%	36%	62%	100%	51%	79%	61%	70%	54%
1979	45%	58%	29%	32%	90%	44%	46%	20%	32%	42%
1980	35%	55%	28%	26%	84%	39%	25%	8%	16%	32%
1981	37%	47%	19%	29%	82%	37%	27%	10%	18%	31%
1982•										
1ST QUARTER	41%	48%	26%	29%	82%	40%	23%	8%	14%	33%
2ND QUARTER	42%	53%	25%	33%	81%	42%	24%	9%	16%	34%
3RD QUARTER	31%	51%	28%	26%	74%	37%	25%	10%	16%	31%
4TH QUARTER	34%	71%	31%	45%	83%	45%	29%	14%	21%	38%
1983•										
1ST QUARTER	42%	66%	36%	33%	84%	48%	29%	14%	21%	41%
2ND QUARTER	41%	65%	37%	30%	84%	47%	32%	17%	24%	41%
3RD QUARTER	40%	63%	35%	34%	82%	46%	32%	18%	24%	41%
4TH QUARTER	47%	68%	32%	42%	85%	49%	36%	22%	28%	44%
1984•										
1ST QUARTER	39%	74%	33%	34%	81%	47%	41%	27%	33%	44%
2ND QUARTER	37%	58%	26%	22%	75%	40%	33%	20%	26%	36%
3RD QUARTER	36%	63%	31%	25%	79%	42%	28%	16%	21%	37%
4TH QUARTER	31%	67%	34%	33%	81%	42%	28%	16%	22%	36%

• SUBJECT TO REVISION.
•• INCLUDES APPALACHIAN HARDWOOD AND ALL OTHER.

SOURCE: NATIONAL FOREST PRODUCTS ASSOCIATION

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Uncertainty Prevails - Within Lies A Thin Coating of Optimism

Some lumber markets appear to have firmed in recent weeks, but not enough to make much of a difference. Inventory has contracted as mills have cut back on overall production. Several major companies have announced plans to permanently close less efficient mills. Some analysts see the dollar weakening in the near future, thus relieving pressure on U.S. exports and probably having an effect on imports of lumber. The next three months ought to be telling. Real growth in the GNP during the first quarter of 1985 will be at 2.1%, less than expected earlier, but still healthy by most measures.

The big unanswered question concerns federal action on deficit reduction which impacts expectations of the future. It is generally believed in Washington that deficit reduction will be the main agenda for the current Congress. The players are now lining up, the game is about to begin.

PRODUCTIVITY INCREASE MARKS FIVE YEAR PERIOD

Output per employee-hour in sawmills and planing mills rose impressively at an average annual rate of 4.1 percent between 1978 and 1983 -- more than double the average annual rate between the twenty year period 1958 to 1978. Annual increases in productivity in the sawmill industry during the most recent five year period averaged two points higher than in the manufacturing sector as a whole. Similar gains were registered in the veneer, plywood, and millwork industries, although productivity measures are only available through 1982 for these groups.

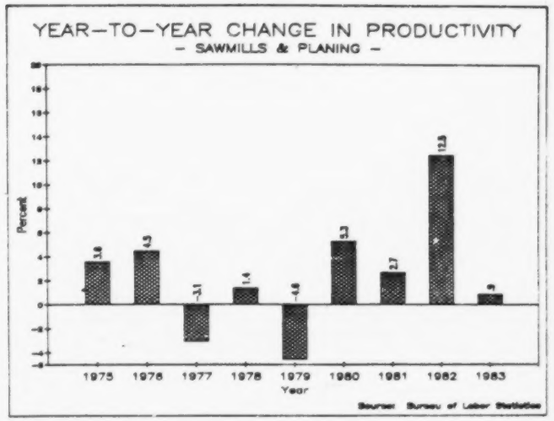


Figure 2:
Since 1980, the sawmill industry has experienced high increases in productivity, averaging 4.1% annually.

Expansions and Renovations Improved Productivity

Why these tremendous gains in productivity? Two reasons primarily. First, many firms undertook expansions and/or renovations in mill facilities during the late 1970's and into the 1980's. These modernizations increased industry capacity. New facilities are more automated, efficient, and require less labor per unit of production. Second, the steep recession prompted firms to streamline all aspects of their operations, which, as a result, are now much more efficient.

LUMBER NUMBERS REVISED

Data users, analysts take notice: statistics of lumber production have been revised for the period 1976 to the present. The accompanying table summarizes the major revisions in lumber production data. Revisions in shipments, orders, and stocks are also revised. The statistics sheets included in this bulletin contain revised figures for the months of November and December.

(continued ...)

Department of Commerce Blamed for Bad Numbers

Why the changes? For the past several years, government and industry sources have understated lumber production in the United States. This situation arose because the U.S. Department of Commerce -- the major supplier of statistical information on American industry -- based its national sample on outdated mill lists. The statistical problem became apparent during the past couple of years when the volume of graded southern pine lumber reported by the grading agencies exceeded that reported by Commerce.

Industry associations generally rely on Commerce numbers to factor month-to-month and year-to-year fluctuations in activity. Hence, inaccurate Commerce statistics led ultimately to errors in the statistics issued by many trade associations, including NFPA.

Revisions Have Implications

During the past several months, industry trade associations have been working with Commerce to improve the quality of its wood products data. Commerce has responded by preparing new reports on lumber production, shipments, and mill stocks for 1982 and 1983, and by revising historical data back to 1976. NFPA has revised its data series. This issue of the bulletin presents these new figures.

These revisions have several important implications. First, they will affect corporate planning and marketing strategies as the universe of production and, hence, consumption, is revised. For example, regional market shares change. The South now accounts for a larger share of the total U.S. market.

Second, economic forecasting models using historical production figures must be revised to reflect the correct baseline information.

Third, the Canadian imports share of U.S. consumption, and particularly their share of southern lumber consumption, is tempered as the estimate for overall consumption is adjusted upward. The Canadian share of the U.S. market stands at 30.9 percent for 1984.

Finally, lumber use factors applied to housing and other markets must be reconsidered in order to account for the "newly discovered" production. It has been widely assumed that the per unit use of lumber in housing and other end-uses was declining. However, since an additional 3.8 billion board feet of lumber consumption is now statistically accounted for, previous assumptions about end-use factors may be erroneous.

REVISED U.S. LUMBER PRODUCTION DATA

	1979	1980	1981	1982	1983	1984
So. Pine Reg.	9,283	8,217	8,415	8,754	10,406	10,687
Doug. Fir Reg.	8,427	6,815	6,270	5,743	7,934	8,113
West. Pine Reg.	9,780	7,613	7,147	6,681	8,488	8,923
Cal. Redwood	1,818	1,589	1,452	1,300	1,580	1,750
Other Sftwds.	2,124	2,012	1,392	1,309	1,436	1,489
TOTAL SFTWDS.	31,432	26,246	24,676	23,787	29,844	30,962
TOTAL HARDWDS.	7,294	7,058	6,194	5,062	5,454	5,715
TOTAL LUMBER	38,726	33,304	30,870	28,849	35,298	36,677